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File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Mar
(c) 2005 The HW Wilson Co.

File 58:GeoArchive 1974-2005/Mar
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File 34:SciSearch(R) Cited Ref Sci 1990-2005/Apr W3
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File 89:GeoRef 1785-2005/Apr B1
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File 350:Derwent WPIX 1963-2005/UD,UM &UP=200526
(c) 2005 Thomson Derwent

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File 347:JAPIO Nov 1976-2004/Dec(Updated 050405)
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File 65:Inside Conferences 1993-2005/Apr W4
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File 350:Derwent WPIX 1963-2005/UD,UM &UP=200526
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*File 350: For more current information, include File 331 in your search. Enter HELP NEWS 331 for details.

File 347:JAPIO Nov 1976-2004/Dec(Updated 050405)
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Set	Items	Description
S1	12	AU=(EBERLER, L? OR EBERLER L?)
S2	884	AU=(LAZAR, R? OR LAZAR R?)
S3	70	AU=(NISTLER, J? OR NISTLER J?)
S4	5	AU=(ZEBELEIN, G? OR ZEBELEIN G?)
S5	960	S1:S4
S6	81	S5 AND (MRI OR MAGNETIC(1W) (IMAG? OR IMAGING) OR MAGNETIC(-W) RESONAN? OR NMR OR NUCLEAR() MAGNETIC() RESONANCE OR FTMNR OR FTMRI OR MAGNETORESONANCE OR PMR OR PROTON(W) MAGNETIC(W) RESONAN? OR MR() (IMAGE? OR IMAGING))
S7	8	S6 AND (MRI OR MAGNETIC(1W) (IMAG? OR IMAGING) OR MAGNETIC(-W) RESONAN?) (2N) ANTENNA? ?
S8	8	RD (unique items)
S9	73	S6 NOT S7
S10	0	S9 AND (BIRDCAGE? ? OR BIRD() CAGE? ? (2N) STRUCTUR?)
S11	0	S9 AND EIGEN() RESONANC? (2N) FREQUENC?
S12	0	S9 AND EIGEN() RESONANC?
S13	6	S9 AND IC=(G01R-033/34 OR G01R-033/36)
S14	6	RD (unique items)
S15	1828918	MRI OR MAGNETIC(1W) (IMAG? OR IMAGING) OR MAGNETIC(W) RESONAN? OR NMR OR NUCLEAR() MAGNETIC() RESONANCE OR FTMNR OR FTMRI - OR MAGNETORESONANCE OR PMR OR PROTON(W) MAGNETIC(W) RESONAN? OR MR() (IMAGE? OR IMAGING)
S16	43466	MC=(S01-E02A2 OR S03-E07A OR S01-E02A8A OR S01-E02A1 OR S03-E07C OR S05-D02B1 OR S03-C02F1) OR IC=(G01R-003 OR G01N-024-/08 OR G01V-003/A75) OR CC=(A0758 OR A8760I OR B7510N)
S17	1843290	S15:S16
S18	330	(MRI OR MAGNETIC(1W) (IMAG? OR IMAGING) OR MAGNETIC(W) RESONAN?) (2N) ANTENNA? ?
S19	1671	IC=(G01R-033/34 OR G01R-033/36)
S20	2445051	(COIL? ? OR SPIRAL???? OR CONCENTRIC????? OR WIRE?????)
S21	12044	(COIL? ? OR SPIRAL???? OR CONCENTRIC????? OR WIRE?????) (2N) - ARRAY? ?
S22	2445051	S20:S21
S23	16659	DISPOSED? ? (2N) (PARALLEL? ? OR ROD OR RODS OR BAR OR BARS)
S24	41809	PARALLEL? (2N) (ROD OR RODS OR BAR OR BARS OR LONGITUD?)
S25	57633	S23:S24
S26	100796	LONGITUD? (2N) (AXIAL???? OR AXIS OR AXES)
S27	1158	BIRDCAGE? ? OR BIRD() CAGE? ? (2N) STRUCTUR?
S28	31	EIGEN(1W) RESONANC? (3N) FREQUENC? OR EIGEN(1W) RESONANC?
S29	2118770	SWITCH???? OR DETUN?
S30	51271	S17 AND S22
S31	108	S30 AND S18
S32	21	S31 AND S19
S33	2	S32 AND S25
S34	2	RD (unique items)
S35	19	S32 NOT S33
S36	19	RD (unique items)
S37	87	S31 NOT S32
S38	0	S37 AND S25
S39	2	S37 AND S26
S40	2	RD (unique items)
S41	85	S37 NOT S39
S42	6	S41 AND S27
S43	2	RD (unique items)
S44	79	S41 NOT S42
S45	0	S44 AND S28

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S46	5	S44 AND S29
S47	5	RD (unique items)
S48	773	S30 AND S27
S49	0	S48 AND S28
S50	4	S48 AND S25
S51	4	RD (unique items)
S52	769	S48 NOT S50
S53	4	S52 AND S26
S54	2	RD (unique items)
S55	765	S52 NOT S53
S56	6	S55 AND S18
S57	2	RD (unique items)
S58	13	S27 AND S18
S59	9	RD (unique items)
S60	6	S59 NOT S56, S53, S51, S47, S42, S40, S32, S34
S61	1	S28 AND S17
S62	4079	S17 AND ANTENNA? ?
S63	172	S62 AND S19
S64	1	S63 AND S27
S65	171	S63 NOT S64
S66	6	S65 AND S25
S67	6	RD (unique items)
S68	165	S65 NOT S66
S69	21	S68 AND S29
S70	0	S69 AND S26
S71	3	S69 AND S18
S72	3	RD (unique items)
S73	18	S69 NOT S71
S74	18	RD (unique items)
S75	0	S74 AND (ROD OR RODS)
S76	8	S74 AND S20
?		

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S69	21	S68 AND S29
S70	0	S69 AND S26
S71	3	S69 AND S18
S72	3	RD (unique items)
S73	18	S69 NOT S71
S74	18	RD (unique items)
S75	0	S74 AND (ROD OR RODS)
S76	8	S74 AND S20
?		

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(FILE 'HOME' ENTERED AT 16:52:51 ON 26 APR 2005)

FILE 'JAPIO, INPADOC' ENTERED AT 16:54:23 ON 26 APR 2005
E DE2003-10314215/AP,PRN

L1

2 S E3-E4

04/26/2005

10/810,364

L1 ANSWER 1 OF 2 INPADOC COPYRIGHT 2005 EPO on STN

LEVEL 1

AN 267706033 INPADOC ED 20050407 EW 200514 UP 20050407 UW 200514
TI Magnetic resonance oscillation antenna.
IN L. EBERLE; R. LAZAR; J. NISTLE
INS EBERLE L; LAZAR R; NISTLE J
INA DE; DE; DE
PA SIEMENS AG
PAS SIEMENS AG
PAA DE
TL English
DT Patent
PIT CNA UNEXAMINED APPLIC. OPEN TO PUBLIC INSPECTION
PI CN 1534305 A 20041006
AI CN 2004-10033260 A 20040329
PRAI DE 2003-10314215 A 20030328 (EDPR 20041021)

LEVEL 1

AN 267706033 INPADOC ED 20050407 EW 200514 UP 20050407 UW 200514
TI Magnetic resonance oscillation antenna.
IN L. EBERLE; R. LAZAR; J. NISTLE
INS EBERLE L; LAZAR R; NISTLE J
INA DE; DE; DE
PA SIEMENS AG
PAS SIEMENS AG
PAA DE
TL English
DT Patent
PIT CNA UNEXAMINED APPLIC. OPEN TO PUBLIC INSPECTION
PI CN 1534305 A 20041006
AI CN 2004-10033260 A 20040329
PRAI DE 2003-10314215 A 20030328 (EDPR 20041021)
ICM (7) G01R033-32

L1 ANSWER 2 OF 2 INPADOC COPYRIGHT 2005 EPO on STN

LEVEL 1

AN 245359154 INPADOC ED 20041021 EW 200443 UP 20050127 UW 200504
TI Magnetresonanzantenne.
Magnetic resonance antenna, e.g. for medical imaging, has high frequency switching elements for frequency tuning, connected to common switching wires.
IN EBERLER, LUDWIG; LAZAR, RAZVAN; NISTLER, JUERGEN; ZEBELEIN, GUENTHER
INS EBERLER LUDWIG; LAZAR RAZVAN; NISTLER JUERGEN; ZEBELEIN GUENTHER
INA DE; DE; DE; DE
PA SIEMENS AG
PAS SIEMENS AG
PAA DE
TL German
DT Patent
PIT DEAL DOCUMENT LAID OPEN (FIRST PUBLICATION)
PI DE 10314215 A1 20041021
AI DE 2003-10314215 A 20030328
PRAI DE 2003-10314215 A 20030328 (EDPR 20041021)
AB Es wird eine Magnetresonanzantenne (1) beschrieben, welche in einer Birdcage-Struktur angeordnete, parallel verlaufende Antennen-Laengsstaebe

(2) und Antennen-Laengsstaebe (2) endseitig hochfrequenzmaessig verbindenden Antennen-Endringe (3) aufweist. Die Magnetresonanzantenne (1) besitzt ausserdem eine Mehrzahl von Hochfrequenz-Schaltelementen (8, 8a, 8b), um zur Verstimmung der Eigenresonanzfrequenz der Antenne (1) gegenueber der Arbeits-Magnetresonanzfrequenz zumindest einen Teil der Antennen-Laengsstaebe (2) hochfrequenzmaessig zu unterbrechen. Die Hochfrequenz-Schaltelemente (8, 8a, 8b) sind dabei an zumindest eine gemeinsame, von ausserhalb der Birdcage-Struktur zu den Hochfrequenz-Schaltelementen (8, 8a, 8b) gefuehrte Schaltleitung (9, 10) angeschlossen. Darueber hinaus wird ein entsprechendes Verfahren zur Verstimmung einer Magnetresonanzantenne (1) beschrieben.

LEVEL 1

AN 245359154 INPADOC ED 20041021 EW 200443 UP 20050127 UW 200504
TI Magnetresonanzantenne.
Magnetic resonance antenna, e.g. for medical imaging, has high frequency switching elements for frequency tuning, connected to common switching wires.
IN EBERLER, LUDWIG; LAZAR, RAZVAN; NISTLER, JUERGEN; ZEBELEIN, GUENTHER
INS EBERLER LUDWIG; LAZAR RAZVAN; NISTLER JUERGEN; ZEBELEIN GUENTHER
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PAS SIEMENS AG
PAA DE
TL German
DT Patent
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PI DE 10314215 A1 20041021
AI DE 2003-10314215 A 20030328
PRAI DE 2003-10314215 A 20030328 (EDPR 20041021)
ICM (7) G01R033-34
ICS (7) G01R033-36
EPC G01R33/34F